

100-667

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 10, 2014

Mr. Ronald E. Hampton
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419

Dear Dr. Hampton:

Subject: additional pests, resistance management language and chemigation
directions
Citation Insecticide
EPA Registration Number 100-667
Your submission dated April 30, 2013

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

A copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

Sincerely yours,


Richard Gebken

Product Manager (10)
Insecticide Branch
Registration Division (7504P)

Enclosure

(Booklet)

Citation® Insecticide

GROUP 17 INSECTICIDE

For control of selected insects, including Dipterous leafminers (*Liriomyza* species) and fungus gnats, in landscape ornamentals; container-grown ornamentals; greenhouse-, lathhouse-, and shadehouse-grown ornamental bedding plants and ornamental crops; and interiorscapes; and shore flies, in greenhouse ornamental crops and interiorscapes only.

For control of Dipterous leafminers, fungus gnats and shore flies in vegetable transplants grown for consumer use.

Active Ingredient:

Cyromazine: (CAS No. 66215-27-8).....	75.0%
Other Ingredients:	25.0%
Total:	100.0%

Citation® is a wettable powder.

This outer protective container contains Citation in small, water-soluble inner packets. After opening the outer container, immediately add the required number of unopened inner packets into the partially filled sprayer or mix tank. Avoid handling inner packets or exposure to moisture as mishandling may result in rupture of the packets.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-667

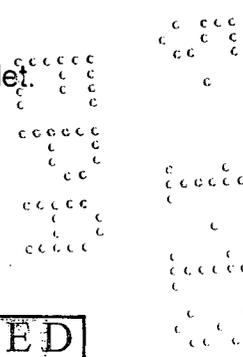
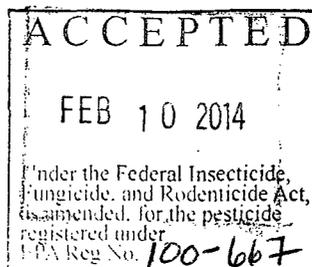
EPA Est.

Product of

Formulated in

SCP 667 MAS 1009 AMEND APR 2013

6 X 2.66 Ounce
Water-Soluble Packets



FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing dust.

Personal Protective Equipment

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any water-proof material – Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyethylene, polyvinylchloride [PVC], or Viton®)
- Chemical-resistant footwear plus socks
- Chemical-resistant apron when cleaning equipment, mixing, or loading

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. Do not apply when weather conditions favor drift from target area.

Ground Water Advisory

A degradate of cyromazine, the active ingredient in Citation, is known to leach through soil into ground water under certain conditions as a result of label use. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be

modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any water-proof material – Category A (e.g., barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyethylene, polyvinylchloride [PVC], or Viton)
- Chemical-resistant footwear plus socks

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY AND/OR POOR INSECT CONTROL.

USE INFORMATION

Citation is a 75% wettable powder which, when mixed with water according to the following directions for use, will control certain insect species on designated plants.

For control of selected insects, including Dipterous leafminers (*Liriomyza* species) and fungus gnats, in landscape ornamentals; container-grown ornamentals; greenhouse-, lathhouse-, and shadehouse-grown ornamental bedding plants and ornamental crops; and interiorscapes; and shore flies, in greenhouse ornamental crops and interiorscapes only.

For control of Dipterous leafminers, fungus gnats and shore flies in vegetable transplants grown for consumer use.

Integrated Pest Management (IPM)

Citation should be used in conjunction with Integrated Pest Management (IPM) practices, including the early detection of target insect populations, threshold treatment levels, cultural control practices, and procedures to manage target pest populations. Contact local extension or university personnel or refer to brochures for information on IPM practices.

Resistance Management

Citation is a Group 17 Insecticide that contains the active ingredient cyromazine. Due to the inherent risk of the development of resistance to any pesticide product, it is strongly advised that Citation be used in a sound resistance management program. Treatment may not be effective against labeled pests if Citation-tolerant strains develop.

For plants that host a labeled pest with multiple generations per crop or year, use the following recommended resistance management practices that may include, but are not limited to:

- Rotating Citation with products with different modes of action
- Avoiding treatment of successive generations with Citation
- Using labeled rates at specified spray intervals
- Using non-chemical alternatives such as beneficial arthropods
- Using various cultural practices such as rotating susceptible to non-susceptible plants.

For additional information about implementing these or other resistance management practices, consult your local agricultural advisor or company representative.

Special Precautions to Minimize Leafminer Resistance

Citation should not be used as the only control for leafminers. Do not apply Citation more than 3 times at 7-day intervals to ornamental crops before switching to Avid® 0.15 EC Miticide/Insecticide as an alternative control (refer to the Avid product labeling for all use directions, restrictions and precautions.). Following use of Avid, Citation may again be applied if necessary for control. Do not make more than a total of 6 applications of Citation to one crop.

For the listed vegetable transplant crops, a non-Group 17 insecticide approved for use on these crops should be used in the rotation program. Do not apply Citation more than 3 times at 7-day intervals before switching to a non-Group 17 insecticide. Do not make more than a total of 6 applications of Citation to one crop.

Plant Safety

Citation has been evaluated for safety to many greenhouse and ornamental plants as a foliar spray and a soil drench. Phytotoxicity to ageratum, baby's breath, chrysanthemum, cosmos, dahlia, Gerbera daisy, gloriosa daisy, impatiens, marigold, petunia, poinsettia, salvia, snapdragon, Transvaal daisy, verbena, and zinnia has not been observed at the use rates listed on this label. While many plant species and cultivars have been evaluated, individual species and cultivar should be evaluated for phytotoxicity prior to making applications to the entire crop. Before treating any crop not listed above, the grower should test Citation for possible phytotoxic effects for at least 2 weeks on a small group of plants under the same conditions in which they will be grown.

MIXING INSTRUCTIONS

Prepare no more spray than is necessary for the immediate operation. Thoroughly clean spray equipment before using this product. Agitate thoroughly before and during application. "Rolling" agitation is suggested to keep Citation thoroughly mixed and in suspension. Flush spray tank thoroughly with clean water daily after use and dispose of pesticide rinsate by application to a previously treated area.

Citation Alone: Add 1/2-2/3 of the required amount of water to the spray or mix tank. With the agitator running, drop the required number of unopened water-soluble packets of Citation into the tank all at once. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the packets have dissolved and the material has completely dispersed into the mix water. Maintain agitation until all of the mixture has been applied.

Citation + Tank Mixtures: Citation is compatible with most commonly used insecticides, fungicides, and spray adjuvants used in the production of bedding plants, ornamentals and other crops grown in nurseries. When using Citation in tank mixture

with other pesticides, observe all directions for use and precautions on the labels of the other pesticides.

Add 1/2-2/3 of the required amount of water to the spray or mix tank. With the agitator running, drop the required number of unopened water-soluble packets of Citation into the tank all at once. Continue agitation while adding the remainder of the water. Tank-mix partners may be added only when: (1) the Citation packets and their contents have dissolved and dispersed into the mix water and (2) the tank has filled with water. Maintain agitation when adding the tank-mix partners and until all of the mixture has been applied.

Precautions: (1) Water-soluble packets of Citation must be completely dissolved and dispersed in water before any other tank-mix partner, including micronutrients or other liquid or dry fertilizer, is added to the spray solution. (2) When more than one product is packaged in water-soluble packets, add all of those products at once to the mix or spray tank. Add any other products after water-soluble packets have completely dissolved, and the material has completely dispersed into the mix water.

Note: Do not let spray mixture stand overnight in the spray tank. Rinse spray tank at the end of the day.

APPLICATION INSTRUCTIONS

For control of Dipterous leafminers (*Liriomyza* spp.), apply 2.66 oz./A in a minimum of 100 gal. of water as a foliar spray to the point of runoff when stippling first appears. Repeat applications at 7-day intervals or as necessary to maintain control. Do not make more than a total of 6 applications to one crop.

For control of fungus gnats (*Bradysia* spp.) and shore flies (*Scatella* spp.), apply 2.66 oz. of Citation in 100 gal. of water as a spray or drench to all surfaces where insect pests may breed. This includes the potting media surfaces, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae. Repeat application on a 7- to 14-day schedule to minimize reinfestation.

Citation will not control adult stages of the insect pests. For control of adult insecticides labeled for adult insect control should be used.

Rotational Crops

Other ornamental crops may be planted following harvest of a Citation-treated crop. Do not rotate to any food crop for 300 days after the last application, except dried and succulent beans, *Brassica* leafy vegetables, bulb vegetables, cucurbit vegetables, leafy vegetables, peppers, potatoes and tomatoes. Cotton, radishes, or sweet corn may be rotated to 30 days after last application.

Electrostatic Spraying Systems, Thermal Fogger Systems, or other Low Volume Systems

Citation has been evaluated and shown effective when applied through these application systems. To calculate the amount of product to be applied, use the appropriate amount of Citation for the square footage to be treated with spray as listed. The amount of carrier (water) is dependent on the amount needed for adequate coverage.

Application Through Irrigation Systems – Chemigation

- Citation may be applied through hand held or overhead irrigation equipment. Overhead irrigation systems include micro-sprinklers, mist-type irrigation (such as fog systems) and motorized booms utilizing injectors. Do not apply this product through any other type of irrigation system.
- The system must be calibrated to uniformly apply the rates specified. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts.
- The irrigation system must provide uniform distribution of Citation. Plant injury, lack of effectiveness, or illegal pesticide residues in the plant can result from non-uniform distribution. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

Chemigation Monitoring: A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Required System Safety Devices: The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch, which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Specific Instructions for Public Water Systems

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily for at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. A complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe is required.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump or when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

APPLICATION TO ORNAMENTALS

Crop	Insect Pests	Rate	Remarks
Ornamentals	Dipterous leafminers (<i>Liriomyza</i> species)	2.66 oz./A (one packet)	<p>Apply in a minimum of 100 gal. of water as a foliar spray to the point of runoff when stippling first appears.</p> <p>Repeat applications at 7-day intervals or as necessary to maintain control.</p> <p>Do not make more than a total of 6 applications to a single crop.</p>
	Fungus gnats (<i>Bradysia</i> spp.) Shore flies (<i>Scatella</i> spp.)	2.66 oz./A (one packet)	<p>Apply in a minimum of 100 gal. of water as a spray or drench to all surfaces where insect pests may breed. This includes the potting media surfaces, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application on a 7- to 14-day schedule to minimize re-infestation.</p> <p>Do not make more than a total of 6 applications to a single crop.</p>

NOTE: CITATION WILL NOT CONTROL ADULT STAGES OF THE INSECT PESTS. FOR CONTROL OF ADULTS, INSECTICIDES LABELED FOR ADULT INSECT CONTROL SHOULD BE USED.

For ornamental crops grown outdoors, do not exceed 15.96 oz. Citation per acre per year.

For ornamental crops grown indoors, do not exceed 15.96 oz. Citation per acre per crop.

APPLICATION TO VEGETABLE TRANSPLANTS GROWN FOR CONSUMERS

For control of Dipterous leafminer (*Liriomyza* species), fungus gnats, and shore flies in vegetable crops grown for consumers.

Crop	Rate	Remarks
<p>Brassica Leafy Vegetables Crop Group, Abyssinian cabbage, Seakale cabbage, Hanover salad</p> <p>Including: broccoli, broccoli raab (rapini), Brussels sprouts, cabbage, Chinese (bok choy) cabbage, Chinese broccoli, Chinese mustard cabbage (gai choy), Chinese (napa) cabbage, cauliflower, cavalo broccolo, collards, kale, kohlrabi, mizuna, mustard greens, mustard spinach, and rape greens</p>	<p>2.66 oz./A (one packet)</p>	<p>Apply as a foliar spray in a minimum of 10 gal. of water/A when leafminers first appear.</p> <p>Apply as a spray in a minimum of 100 gal. of water/A to control fungus gnats and shoreflies to all surfaces where insect pests may breed. This includes the pots, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application, as needed, at 7-day intervals to maintain control.</p> <p>Restrictions:</p> <ul style="list-style-type: none"> • Do not make more than 6 applications to a single crop. • Do not apply within 7 days of shipping to market.
<p>Bulb Vegetables Crop Group</p> <p>Including: garlic, great-headed (elephant) garlic, leek, dry bulb onion, green onion, potato onion, tree onion, Welsh onion, rakkyo, and shallot</p>	<p>2.66 oz./A (one packet)</p>	<p>Apply as a foliar spray in a minimum of 10 gal. of water/A when leafminers first appear.</p> <p>Apply as a spray in a minimum of 100 gal. of water/A to control fungus gnats and shoreflies to all surfaces where insect pests may breed. This includes the pots, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application, as needed, at 7-day intervals to maintain control.</p> <p>Restrictions:</p> <ul style="list-style-type: none"> • Do not make more than 6 applications to a single crop.

		<ul style="list-style-type: none"> Do not apply within 7 days of shipping to market.
<p>Cucurbit Vegetables Crop Group</p> <p>Including: balsam pear (bitter melon), chayote (fruit), Chinese waxgourd (Chinese preserving melon), citron melon, cucumber, gherkin, edible gourds, melons (including hybrids: cantaloupe, casaba, crenshaw, honeydew melons, honey balls, mango melon, muskmelon, Persian melon), pumpkin, summer squash, winter squash, and watermelon (including hybrids)</p>	<p>2.66 oz./A (one packet)</p>	<p>Apply as a foliar spray in a minimum of 10 gal. of water/A when leafminers first appear.</p> <p>Apply as a spray in a minimum of 100 gal. of water/A to control fungus gnats and shoreflies to all surfaces where insect pests may breed. This includes the pots, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application, as needed, at 7-day intervals to maintain control.</p> <p>Restrictions:</p> <ul style="list-style-type: none"> Do not make more than 6 applications to a single crop.
<p>Leafy vegetables (except Brassica Vegetables) Crop Group</p> <p>Including: Amaranth, arugula, cardoon, celery, celtuce, chervil, Chinese celery, chrysanthemum (edible-leaved & garland), corn salad, cress (garden & upland), dandelion, dock, endive (escarole), Florence fennel (finochio), lettuce (head & leaf), New Zealand spinach, orach, parsley, purslane (garden & winter), radicchio (red chicory), rhubarb, spinach, Swiss chard, and vine spinach</p>	<p>2.66 oz./A (one packet)</p>	<p>Apply as a foliar spray in a minimum of 10 gal. of water/A when leafminers first appear.</p> <p>Apply as a spray in a minimum of 100 gal. of water/A to control fungus gnats and shoreflies to all surfaces where insect pests may breed. This includes the pots, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application, as needed, at 7-day intervals to maintain control.</p> <p>Restrictions:</p> <ul style="list-style-type: none"> Do not make more than 6 applications to a single crop of celery or head lettuce. For all other leafy vegetable crops, do not make more than 5 applications per crop. Do not apply with 7 days of shipping to market.
<p>Peppers</p>	<p>2.66 oz./A</p>	<p>Apply as a foliar spray in a minimum of 10</p>

	(one packet)	<p>gal. of water/A when leafminers first appear.</p> <p>Apply as a spray in a minimum of 100 gal. of water/A to control fungus gnats and shoreflies to all surfaces where insect pests may breed. This includes the pots, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application, as needed, at 7-day intervals to maintain control.</p> <p>Restrictions:</p> <ul style="list-style-type: none"> • Do not make more than 6 applications to a single crop of peppers.
Tomatoes	2.66 oz./A (one packet)	<p>Apply as a foliar spray in a minimum of 10 gal. of water/A when leafminers first appear. At this application rate, Citation will also provide suppression of Colorado Potato Beetle.</p> <p>Apply as a spray in a minimum of 100 gal. of water/A to control fungus gnats and shoreflies to all surfaces where insect pests may breed. This includes the pots, bench tops, undersides of benches, and the areas under benches that may be contaminated with potting media or algae.</p> <p>Repeat application, as needed, at 7-day intervals to maintain control.</p> <p>Restrictions:</p> <ul style="list-style-type: none"> • Do not make more than 6 applications to a single crop.
<p>For vegetable transplants grown outdoors, do not apply more than 15.96 oz. Citation per acre per year.</p>		
<p>For vegetable transplants grown indoors, do not apply more 15.96 oz. Citation per acre per crop.</p>		

STORAGE AND DISPOSAL

Store in a cool, dry place. Do not contaminate water, food, or feed by storage or disposal. Do not use in animal feeds.

Pesticide Storage

Do not store this product under wet conditions. Handle container carefully to avoid breakage of inner soluble pouch.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions, must be disposed of according to federal, state, or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

Container Handling

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or dispose of the empty outer foil pouch in the trash as long as WSP is unbroken.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

Avid®, Citation®, the ALLIANCE FRAME
the SYNGENTA Logo and the PURPOSE ICON
are Trademarks of a Syngenta Group Company

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For non-emergency (e.g., current product information) call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 667 MAS 1009 AMEND APR2013

(BASE LABEL)

Citation® Insecticide

GROUP 17 INSECTICIDE

For control of selected insects, including Dipterous leafminers (*Lyriomyza* species) and fungus gnats, in landscape ornamentals; container-grown ornamentals; greenhouse-, lathhouse- and shadehouse-grown ornamental bedding plants and ornamental crops; and interiorscapes; and shore flies, in greenhouse ornamental crops and interiorscapes only.

For control of Dipterous leafminers, fungus gnats and shore flies in vegetable transplants grown for consumer use.

Active Ingredient:

Cyromazine: (CAS No. 66215-27-8)	75.0%
Other Ingredients:	25.0%
Total:	100.0%

Citation is a wettable powder.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See directions for use in booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-667

EPA Est.

6 X 2.66 Ounce
Water-Soluble Packets

15.96 Ounces
Total Net Weight

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing dust.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER	
For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

Environmental Hazards

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. Do not apply when weather conditions favor drift from target area.

Container Handling

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or dispose of the empty outer foil pouch in the trash as long as WSP is unbroken.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

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